

1644

R. Schwadron

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/206,786A

DATE: 12/13/2000
TIME: 11:08:53

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Input Set : A:\8666007
Output Set : N:\CRF3\12132000\I206786A.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
5 (i) APPLICANT: Korngold, Robert
6 Huang, Ziwei
8 (ii) TITLE OF INVENTION: CD4-DERIVED PEPTIDES THAT INHIBIT IMMUNE
9 RESPONSES
11 (iii) NUMBER OF SEQUENCES: 63
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: PENNIE & EDMONDS LLP
15 (B) STREET: 1155 Avenue of the Americas
16 (C) CITY: New York
17 (D) STATE: New York
18 (E) COUNTRY: United States
19 (F) ZIP: 10036-2711
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US/09/206,786A
29 (B) FILING DATE: 07-Dec-1998
30 (C) CLASSIFICATION:
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: 08/672,610
34 (B) FILING DATE: 1996-06-28
36 (A) APPLICATION NUMBER: 60/000,710
37 (B) FILING DATE: 1995-06-29
39 (A) APPLICATION NUMBER: 60/004,034
40 (B) FILING DATE: 1995-09-20
42 (viii) ATTORNEY/AGENT INFORMATION:
43 (A) NAME: Friebe, Thomas E.
44 (B) REGISTRATION NUMBER: 29,258
45 (C) REFERENCE/DOCKET NUMBER: 8666-007
47 (ix) TELECOMMUNICATION INFORMATION:
48 (A) TELEPHONE: (212) 790-9090
49 (B) TELEFAX: (212) 869-8864/9741
50 (C) TELEX: 66141 PENNIE
53 (2) INFORMATION FOR SEQ ID NO: 1:
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 5 amino acids
57 (B) TYPE: amino acid
58 (C) STRANDEDNESS:
59 (D) TOPOLOGY: unknown
61 (ii) MOLECULE TYPE: peptide
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
68 Asn Ser Asn Glu Ile

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69      1      5
71 (2) INFORMATION FOR SEQ ID NO: 2:
73      (i) SEQUENCE CHARACTERISTICS:
74          (A) LENGTH: 6 amino acids
75          (B) TYPE: amino acid
76          (C) STRANDEDNESS:
77          (D) TOPOLOGY: unknown
79      (ii) MOLECULE TYPE: peptide
84      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
86      Lys Asn Ser Asn Gln Ile
87      1      5
89 (2) INFORMATION FOR SEQ ID NO: 3:
91      (i) SEQUENCE CHARACTERISTICS:
92          (A) LENGTH: 8 amino acids
93          (B) TYPE: amino acid
94          (C) STRANDEDNESS:
95          (D) TOPOLOGY: unknown
97      (ii) MOLECULE TYPE: peptide
101     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
103     Lys Asn Ser Asn Gln Leu Ile Lys
104     1      5
106 (2) INFORMATION FOR SEQ ID NO: 4:
108     (i) SEQUENCE CHARACTERISTICS:
109         (A) LENGTH: 7 amino acids
110         (B) TYPE: amino acid
111         (C) STRANDEDNESS:
112         (D) TOPOLOGY: unknown
114     (ii) MOLECULE TYPE: peptide
119     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
121     Lys Asn Ser Asn Gln Ile Lys
122     1      5
124 (2) INFORMATION FOR SEQ ID NO: 5:
126     (i) SEQUENCE CHARACTERISTICS:
127         (A) LENGTH: 7 amino acids
128         (B) TYPE: amino acid
129         (C) STRANDEDNESS:
130         (D) TOPOLOGY: unknown
132     (ii) MOLECULE TYPE: peptide
137     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
139     Lys Leu Glu Asn Lys Glu Ala
140     1      5
142 (2) INFORMATION FOR SEQ ID NO: 6:
144     (i) SEQUENCE CHARACTERISTICS:
145         (A) LENGTH: 8 amino acids
146         (B) TYPE: amino acid
147         (C) STRANDEDNESS:
148         (D) TOPOLOGY: unknown
150     (ii) MOLECULE TYPE: peptide
155     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
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157 Leu Ser Asp Ser Gly Gln Val Leu
158 1 5
160 (2) INFORMATION FOR SEQ ID NO: 7:
162 (i) SEQUENCE CHARACTERISTICS:
163 (A) LENGTH: 4 amino acids
164 (B) TYPE: amino acid
165 (C) STRANDEDNESS:
166 (D) TOPOLOGY: unknown
168 (ii) MOLECULE TYPE: peptide
173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
175 Asn Gln Leu Ile
176 1
178 (2) INFORMATION FOR SEQ ID NO: 8:
180 (i) SEQUENCE CHARACTERISTICS:
181 (A) LENGTH: 5 amino acids
182 (B) TYPE: amino acid
183 (C) STRANDEDNESS:
184 (D) TOPOLOGY: unknown
186 (ii) MOLECULE TYPE: peptide
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
193 Asn Gln Leu Ile Lys
194 1 5
196 (2) INFORMATION FOR SEQ ID NO: 9:
198 (i) SEQUENCE CHARACTERISTICS:
199 (A) LENGTH: 4 amino acids
200 (B) TYPE: amino acid
201 (C) STRANDEDNESS:
202 (D) TOPOLOGY: unknown
204 (ii) MOLECULE TYPE: peptide
209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
211 Asn Gln Ile Lys
212 1
214 (2) INFORMATION FOR SEQ ID NO: 10:
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 4 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS:
220 (D) TOPOLOGY: unknown
222 (ii) MOLECULE TYPE: peptide
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
229 Ser Asn Gln Leu
230 1
232 (2) INFORMATION FOR SEQ ID NO: 11:
234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 5 amino acids
236 (B) TYPE: amino acid
237 (C) STRANDEDNESS:
238 (D) TOPOLOGY: unknown
240 (ii) MOLECULE TYPE: peptide

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245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
247 Ser Asn Gln Leu Ile
248 1 5
250 (2) INFORMATION FOR SEQ ID NO: 12:
252 (i) SEQUENCE CHARACTERISTICS:
253 (A) LENGTH: 6 amino acids
254 (B) TYPE: amino acid
255 (C) STRANDEDNESS:
256 (D) TOPOLOGY: unknown
258 (ii) MOLECULE TYPE: peptide
263 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
265 Ser Asn Gln Leu Ile Lys
266 1 5
268 (2) INFORMATION FOR SEQ ID NO: 13:
270 (i) SEQUENCE CHARACTERISTICS:
271 (A) LENGTH: 4 amino acids
272 (B) TYPE: amino acid
273 (C) STRANDEDNESS:
274 (D) TOPOLOGY: unknown
276 (ii) MOLECULE TYPE: peptide
281 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
283 Ser Asn Gln Ile
284 1
286 (2) INFORMATION FOR SEQ ID NO: 14:
288 (i) SEQUENCE CHARACTERISTICS:
289 (A) LENGTH: 5 amino acids
290 (B) TYPE: amino acid
291 (C) STRANDEDNESS:
292 (D) TOPOLOGY: unknown
294 (ii) MOLECULE TYPE: peptide
299 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
301 Ser Asn Gln Ile Lys
302 1 5
304 (2) INFORMATION FOR SEQ ID NO: 15:
306 (i) SEQUENCE CHARACTERISTICS:
307 (A) LENGTH: 4 amino acids
308 (B) TYPE: amino acid
309 (C) STRANDEDNESS:
310 (D) TOPOLOGY: unknown
312 (ii) MOLECULE TYPE: peptide
317 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
319 Asn Ser Asn Gln
320 1
322 (2) INFORMATION FOR SEQ ID NO: 16:
324 (i) SEQUENCE CHARACTERISTICS:
325 (A) LENGTH: 5 amino acids
326 (B) TYPE: amino acid
327 (C) STRANDEDNESS:
328 (D) TOPOLOGY: unknown

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330      (ii) MOLECULE TYPE: peptide
335      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
337      Asn Ser Asn Gln Leu
338      1      5
340 (2) INFORMATION FOR SEQ ID NO: 17:
342      (i) SEQUENCE CHARACTERISTICS:
343          (A) LENGTH: 6 amino acids
344          (B) TYPE: amino acid
345          (C) STRANDEDNESS:
346          (D) TOPOLOGY: unknown
348      (ii) MOLECULE TYPE: peptide
353      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
355      Asn Ser Asn Gln Leu Ile
356      1      5
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358 (2) INFORMATION FOR SEQ ID NO: 18:
360      (i) SEQUENCE CHARACTERISTICS:
361          (A) LENGTH: 7 amino acids
362          (B) TYPE: amino acid
363          (C) STRANDEDNESS:
364          (D) TOPOLOGY: unknown
366      (ii) MOLECULE TYPE: peptide
371      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
373      Asn Ser Asn Gln Leu Ile Lys
374      1      5
376 (2) INFORMATION FOR SEQ ID NO: 19:
378      (i) SEQUENCE CHARACTERISTICS:
379          (A) LENGTH: 6 amino acids
380          (B) TYPE: amino acid
381          (C) STRANDEDNESS:
382          (D) TOPOLOGY: unknown
384      (ii) MOLECULE TYPE: peptide
389      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
391      Asn Ser Asn Gln Ile Lys
392      1      5
394 (2) INFORMATION FOR SEQ ID NO: 20:
396      (i) SEQUENCE CHARACTERISTICS:
397          (A) LENGTH: 4 amino acids
398          (B) TYPE: amino acid
399          (C) STRANDEDNESS:
400          (D) TOPOLOGY: unknown
402      (ii) MOLECULE TYPE: peptide
407      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
409      Lys Asn Ser Asn
410      1
412 (2) INFORMATION FOR SEQ ID NO: 21:
414      (i) SEQUENCE CHARACTERISTICS:
415          (A) LENGTH: 5 amino acids
416          (B) TYPE: amino acid
417          (C) STRANDEDNESS:

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